MSD

May 3, 2002

Mr. Femi Akindele
Residual Project Manager
Kentucky/Tennessee Section
U.S. Environmental Protection Agency
Region IV
61 Forsyth Street
Atlanta, GA 30303

Re: Report of Field Observation – FY02 -Third Quarter (FY02-3Q)
Lees Lane Superfund Site, Jefferson County, Kentucky,
Administrative Order on Consent, USEPA Docket No-91-32-C

Dear Mr. Akindele

In accordance with paragraph 11, under Reporting Requirements, of the subject Consent Order and Attachment 1, Operation and Maintenance Plan For Post-Removal Site Control at the Lees Lane Landfill Site. I am enclosing one (1) copy of the Report of Field Observation (Appendix J), identified as Observation Report No FY02-3Q, for your information and files.

Please advise if you have any questions concerning the attached Report of Field Observation for FY02-3Q.

Sincerely,

Richard H. Watkins, Sr.
Special Assistant to Director of Maintenance
RHW/rw
Lees-02-3Q

Enc.

cc: Kentucky National Resource Environment Protection Cabinet
Mr. Rick Hogan, Division of Waste Management
G. R. Garner, Executive Director
D. B. Johnson, Director of Maintenance
Lees Lane File

REPORT OF FIELD OBSERVATION
LEE'S LANE LANDFILL SITE, LOUISVILLE, KENTUCKY

Observation Report No.: FY02-3rdQ **Date of Observation: 03/27/02**

Instruction: If any item is checked yes, provide details of the problem and maintenance recommendations below and indicate the location of deficiency on the site map provided.

Comment No.:	Comment
A-4	Observed rutting on the gravel road leading to gas collection Well No. 5.
B-2	Observed Putnam Avenue barricade remains painted and unchanged from previous quarterly institutional inspections. Landfill site and flood protection levee areas intrusion by ATV's from wooded areas adjacent to the Putnam Avenue barricade continues to decrease, however, is still noticeable. The landfill site and flood protection levee continues to receive surveillance by the Jefferson County Police. Vegetation along the access road to the Putnam Avenue barricade remains cut back.
C-7	Observed moisture trap No. 10, 15, and 21 concrete collar has settled and need to be reset.

Comment No.	Corrective Action Performed
A-4	Grading of gravel on the access road leading to Well No. 5 to fill rutted areas by the end FY02-4Q.
B-2	Putnam Avenue barricade will continue to be monitored during future quarterly institutional inspections. Replacement of needed "No Trespass – Keep Out" signs at strategic locations along the access roads and Mill Creek cut-off channel in continued effort to discourage ATV intrusions and trespass into the landfill and levee area sites.
C-7	Schedule resetting of disturbed collar for moisture trap No. 10, 15, and 21 prior to FY03-1Q institutional inspection.

Comment No.:	Comment
C-8	Observed covers missing for moisture traps 24, 25, 26, and 27.
D-1	Observed damaged locks at Gas Monitoring Well No. G-1.
D-2	Observed two guardrails had been re-damaged at Gas Monitoring Well No. G-3.
E-7	Observed limited dead vegetative growth in the riprap areas adjacent to clay cap and riprap drainage channels.
E-8	Small amounts of trash and debris build-up on the riprap area from prior observations. Trespassers continue to utilize the debris as fuel for small fires, thereby eliminating the necessity to remove the debris from the riprap area.
F-5	Observed small amount of standing water at the upstream inlet of culvert pipe crossing under the asphalt access road. Condition of shale drainage swale appears to be satisfactory, continued evidence of siltation at the outlet of culvert pipe.

Comment No.	Corrective Action Performed
C-8	Obtain and install replacement covers for moisture traps 25,26, and 27 prior to end of FY02-4Q.
D-1	Install replacement locks at Gas Monitoring Well No. G-1.
D-2	Schedule repair welding and painting of guardrails around Gas Monitoring Well No. G-3 prior to end of FY03-1Q.
E-7	Schedule independent contractor to spray riprap area adjacent to the clay cap during FY02-4Q in order to control re-growth of vegetation.
E-8	Action not required at this time.
F-5	Continue to monitor shale drainage swale at quarterly institutional inspections. Create positive drainage of culvert pipe crossing under asphalt access road with limited re-grading of shale drainage swale during FY03-1Q to reduce siltation.

REPORT OF FIELD OBSERVATION
LEE'S LANE LANDFILL SITE, LOUISVILLE, KENTUCKY

Observation Report No: FY02-30R Date of Observation: 03/27/02

Time Arrived Onsite: 10:45AM Time Departed Site: 12:15PM

Field Personnel: RICHARD H. WATKINS, SR. SPECIAL ASSISTANT TO DIRECTOR

Section A: General Site Conditions

Observation:	Yes*	No	Not Observed	Comment No.
1. Major settlement of topsoil or erosion exposing waste/ fill material	—	XXX	—	
2. Evidence of leachate seepage	—	XXX	—	
3. Distressed Vegetation	—	XXX	—	
4. Pot holes, erosion of access road	XXX	—	—	A-4

Section B: Institutional Controls

Observation:	Yes*	No	Not Observed	Comment No.
1. Structural problem with Lee's Lane gate or barricade	—	XXX	—	
2. Structural problem with Putman Ave. barricade	—	XXX	—	B-2
3. Lee's Lane gate unlocked	—	XXX	—	
4. Broken or missing lock	—	XXX	—	

Section C: Gas Collection System

Observation:	Yes*	No	Not Observed	Comment No.
1. Vandalism to blower house, wells, or moisture traps	—	XXX	—	
2. Structural damage to blower house	—	XXX	—	
3. Blower not operating or visible damage	—	XXX	—	
4. Blower house not secure and unclean	—	—	—	

Observation:	Yes*	No	Not Observed	Comment No.
5. Service box lids not in place	—	XXX	—	———
6. Alarm and blower controls not functioning	—	XXX	—	———
7. Settlement or tilting of well/moisture trap concrete collars	XXX	—	—	C-7
8. Well/moisture trap covers missing or damaged	XXX	—	—	C-8
9. Excessive vegetation covering wells/mositure traps	—	XXX	—	———
10. Adjustment valve inaccessible	—	XXX	—	———
11. Well/moisture trap caps, plugs, and piping missing or damaged	—	XXX	—	———
12. Blower house and well/ moisture trap signs missing or damaged	—	XXX	—	———

Section D: Groundwater & Gas Monitor Wells

Observation:	Yes*	No	Not Observed	Comment No.
1. Wells unlocked	XXX	—	—	D-1
2. Guard posts and rails missing or damaged	XXX	—	—	D-2
3. Protective casing missing, damaged or rusted	—	XXX	—	———
4. Concrete pads damaged or cracked	—	XXX	—	———
5. Possible surface water infiltration into wells	—	XXX	—	———
6. Excessive vegetation or debris around wells	—	XXX	—	———
7. Well cap missing or damaged	—	XXX	—	———
8. Tubing, fittings, and valves missing or damaged (gas wells only)	—	XXX	—	———

Section E: Bank Protection Controls

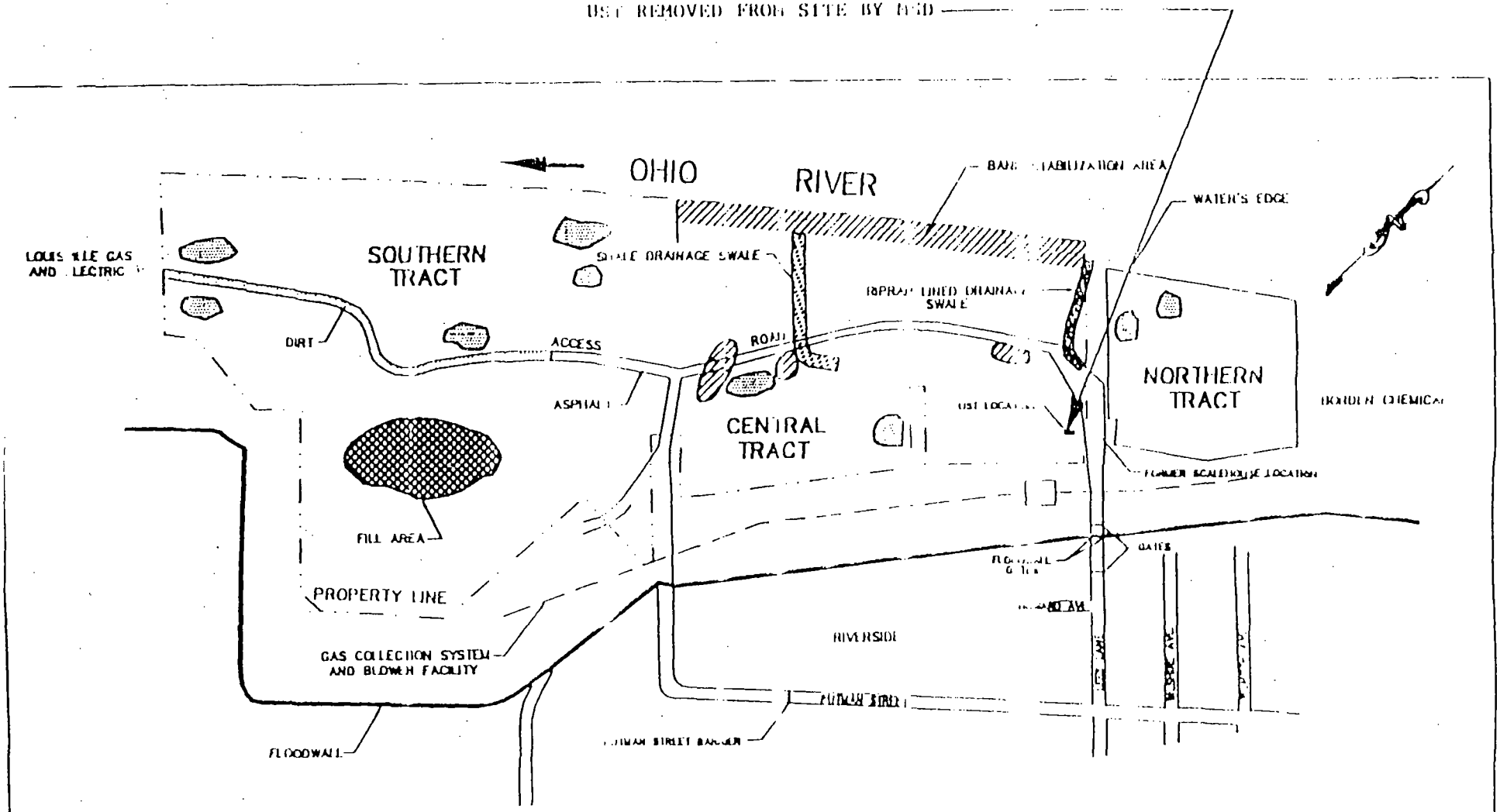
Observation:	Yes*	No	Not Observed	Comment No.
1. Subsidence of slope, sloughing or caving	—	XXX	—	———
2. Erosion of rip-rap or underlying material	—	XXX	—	———
3. Abnormally damp areas, wet ground vegetation	—	XXX	—	———
4. Soft spots in surface	—	XXX	—	———
5. Seepage, water flow, piping, or sand boils	—	XXX	—	———
6. Undermining of rip-rap	—	XXX	—	E-7
7. Vegetative growth on rip-rap slope	XXX	—	—	E-8
8. Buildup of trash and debris on rip-rap	XXX	—	—	———
9. Exposed trash or filter fabric	—	XXX	—	———
10. Tilting trees	—	XXX	—	———
11. Tension cracks	—	XXX	—	———
12. Survey monuments missing or damaged	—	XXX	—	———

Section F: Surface Waste Cleanup/Cover

Observation:	Yes*	No	Not Observed	Comment No.
1. Swales greater than 1 foot wide and 2 inches deep	—	XXX	—	———
2. Cracks greater than 1 inch wide and 6 inches deep	—	XXX	—	———
3. Areas of erosional damage to grass	—	XXX	—	———
4. Inadequate grass cover (area > 36 ft^2	—	XXX	—	———
5. Ponded water (area larger than 2 feet in diameter and 3 inches deep)	XXX	—	—	F-5
6. Erosion or ponded water greater than 12 inches deep (requires immediate repair)	—	XXX	—	———

* If yes, assign a comment no. in the last column and follow instructions on comment sheet.

UST REMOVED FROM SITE BY HGD



DRAWING NOT TO SCALE
SOURCE: RESOURCES APPLICATIONS, INC.

ARCS / LEE'S LANE LANDFILL
LOUISVILLE, KENTUCKY

FEATURE MAP

FIGURE 2-1

ROY F. WESTON, INC.
MANAGERS DESIGNERS/CONSULTANTS

DRAWN	DATE	DES. ENG.	DATE	W.O. NO.
WRS	9/91			04400-083
CHECKED	DATE	APPROVED	DATE	DWG. NO.
				LEESL2-1